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Fig. 1

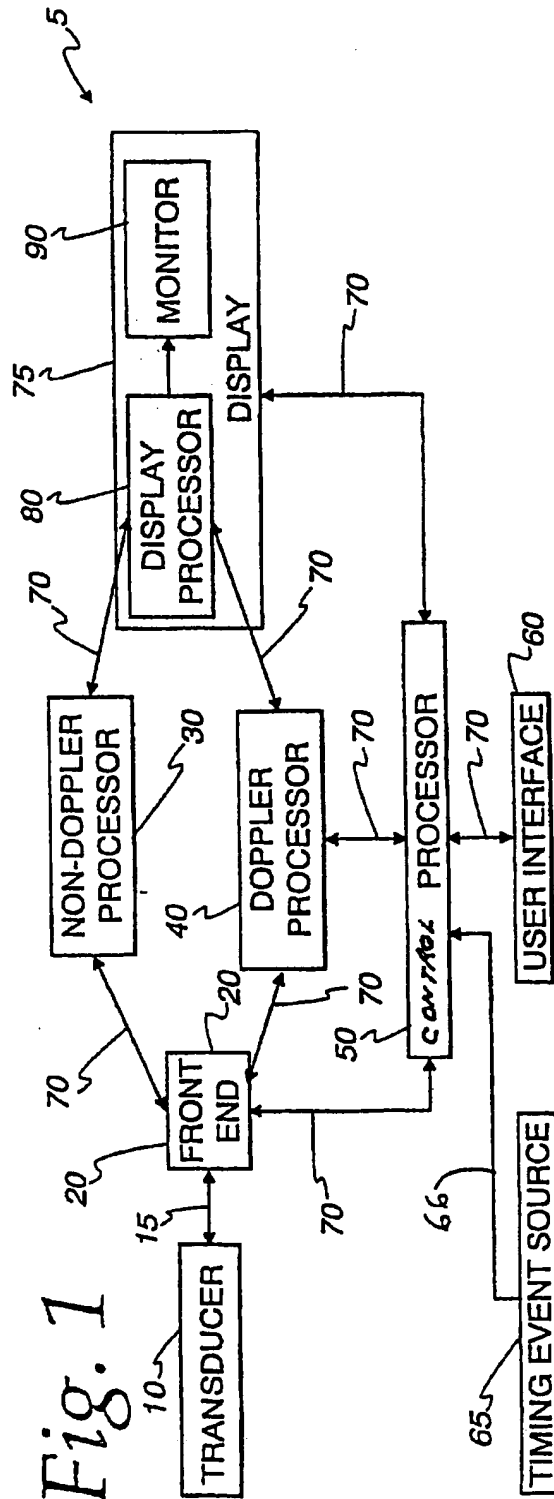


FIG. 2

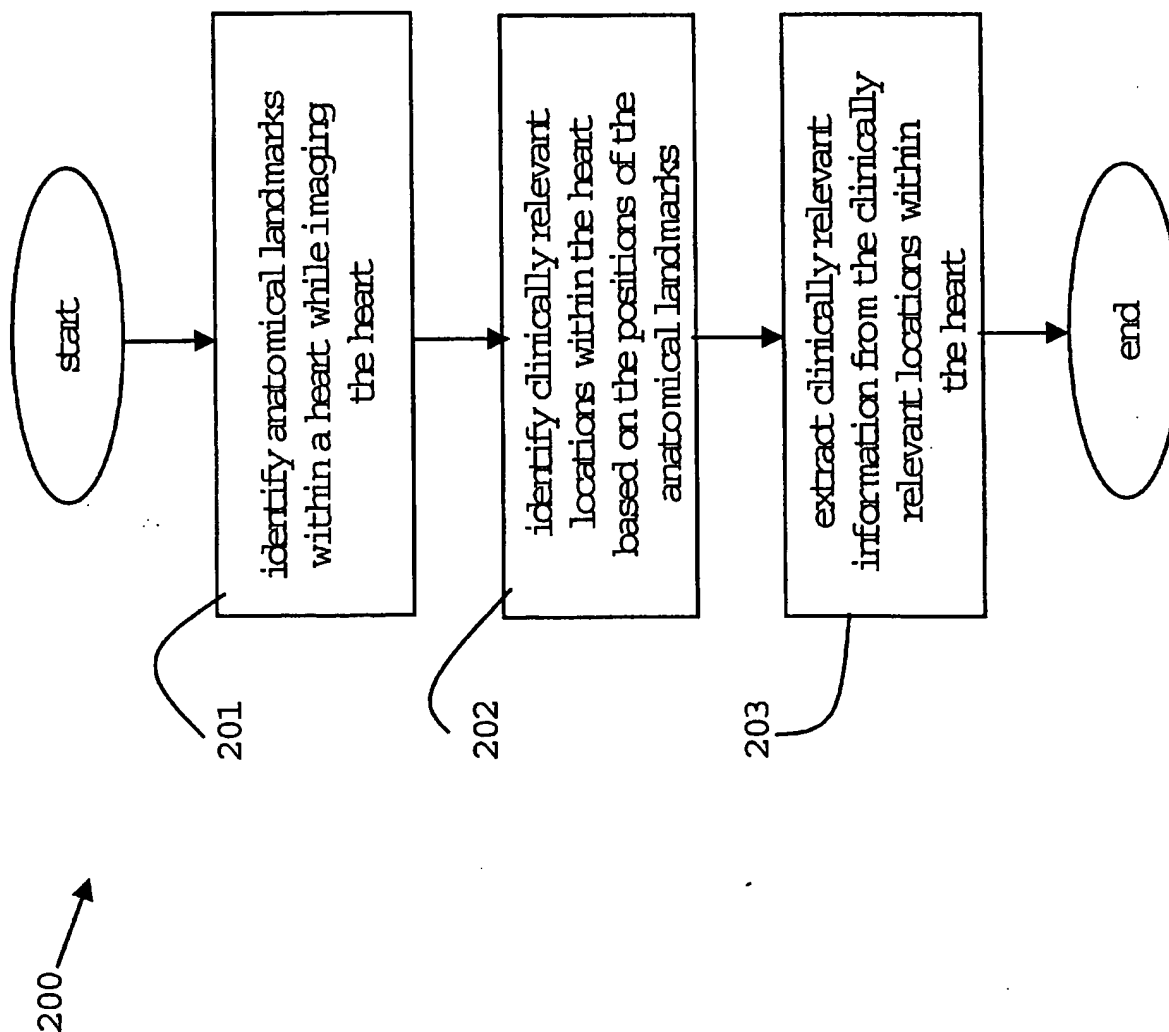


FIG. 3

300

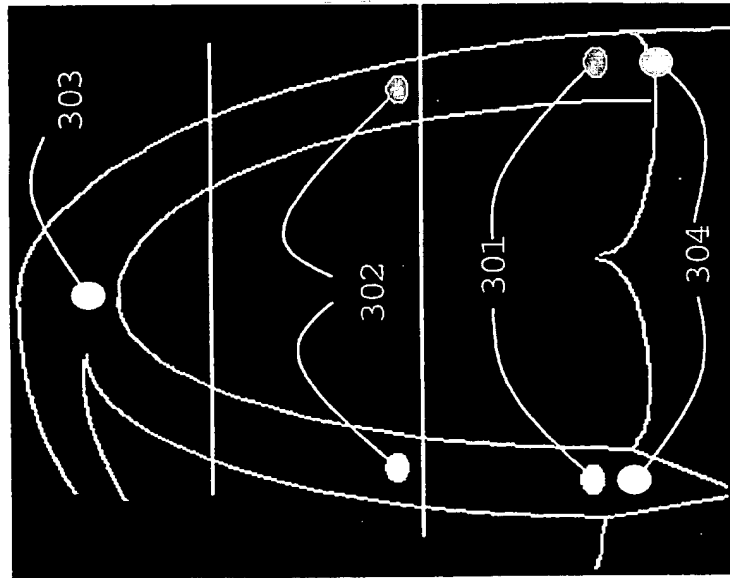
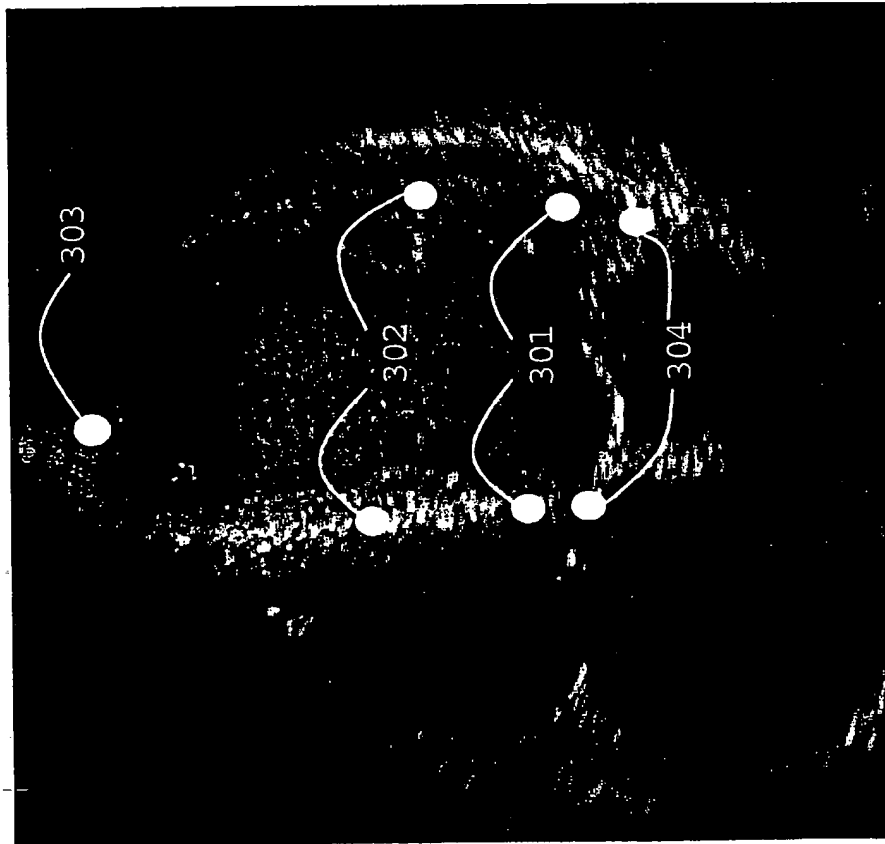


FIG. 4

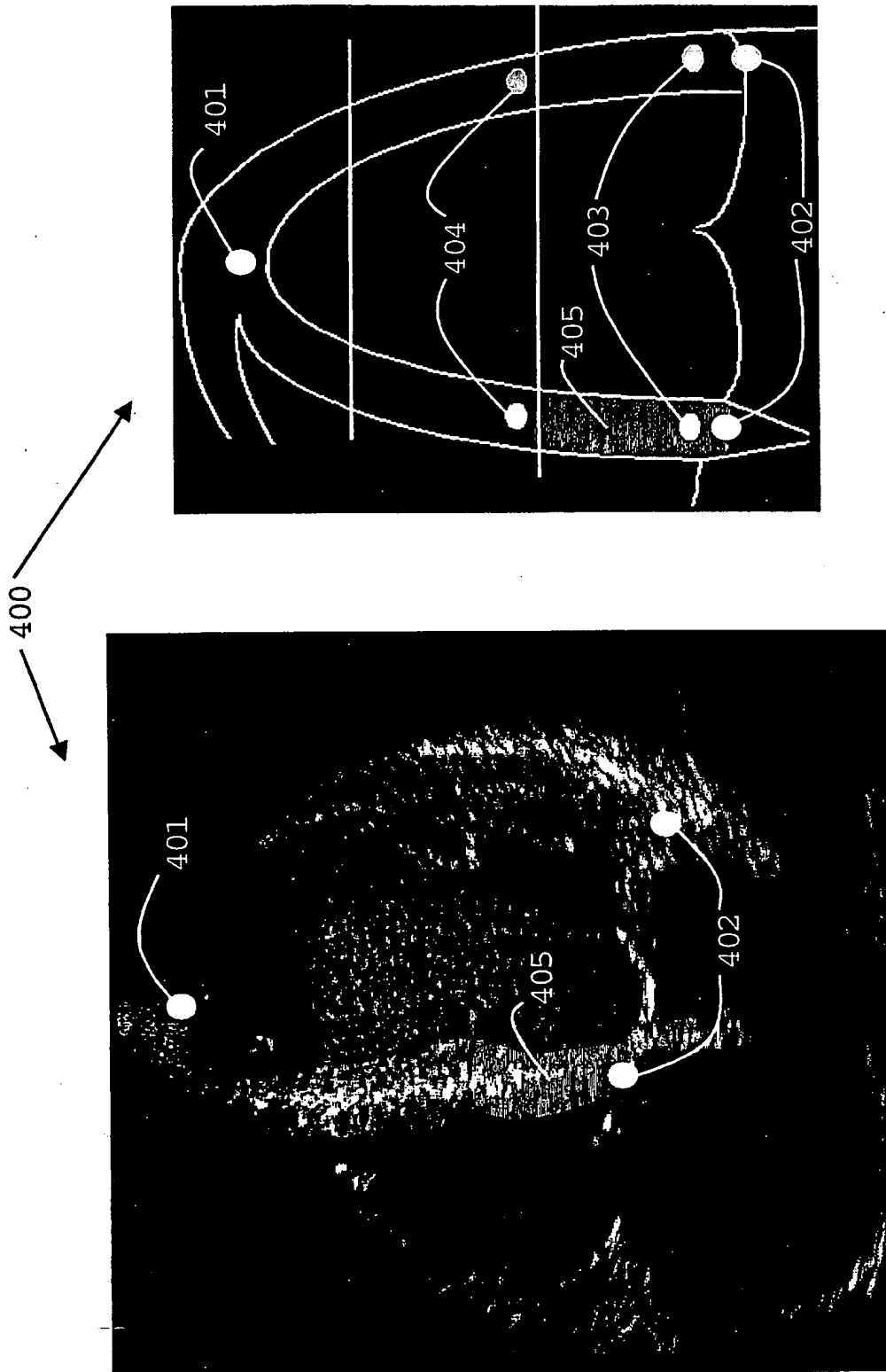


FIG. 5

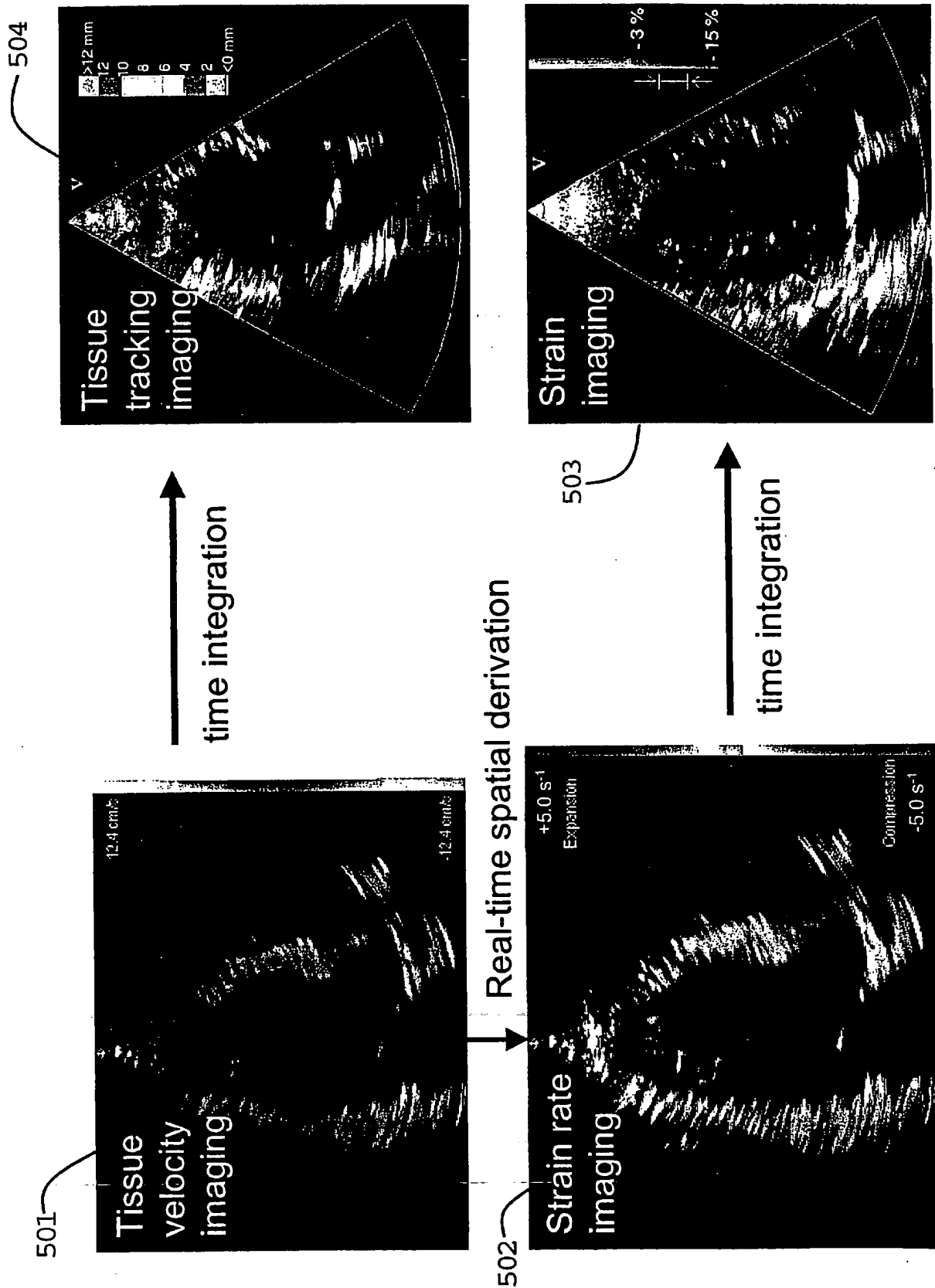


FIG. 6

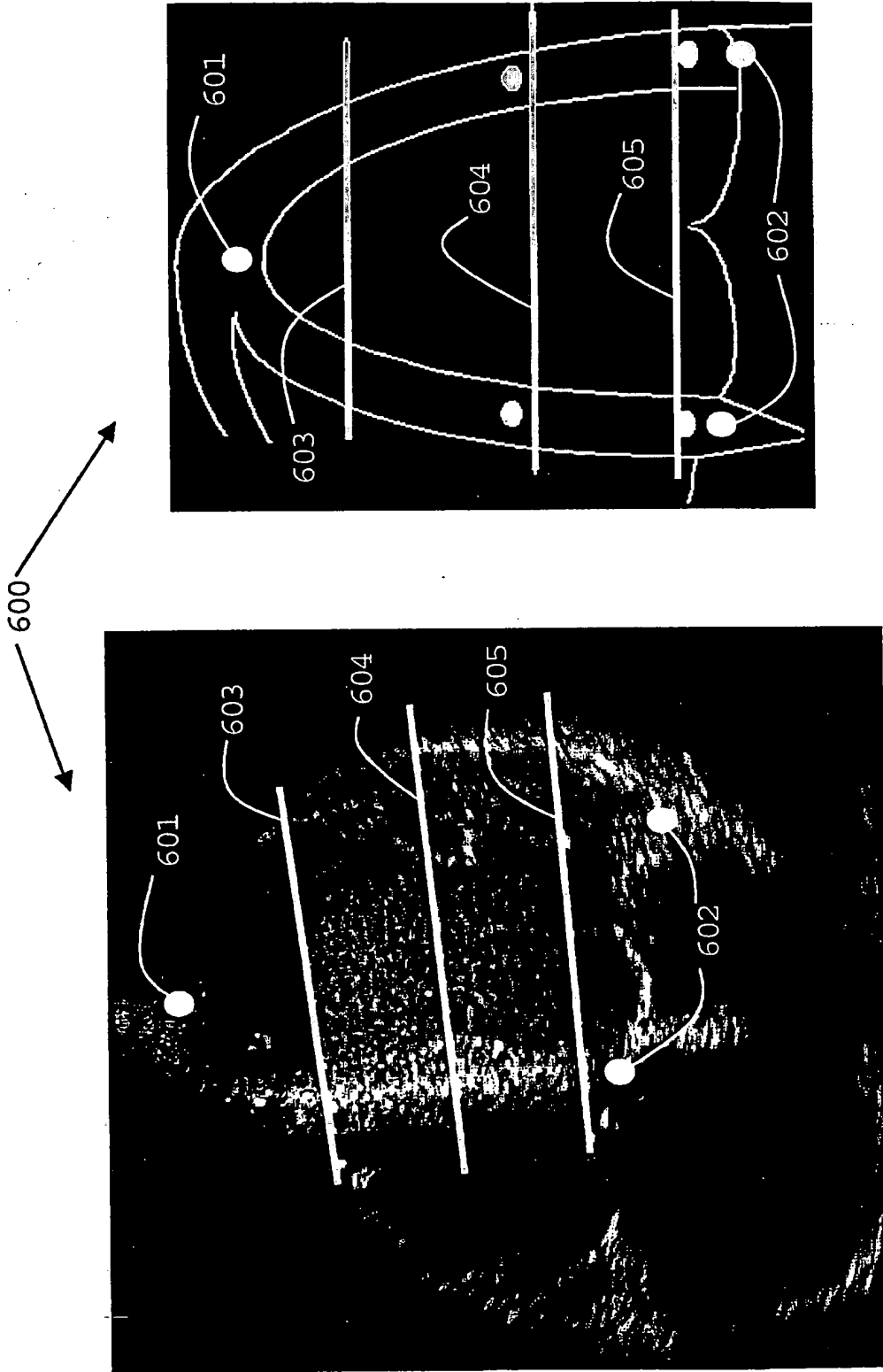


FIG. 7

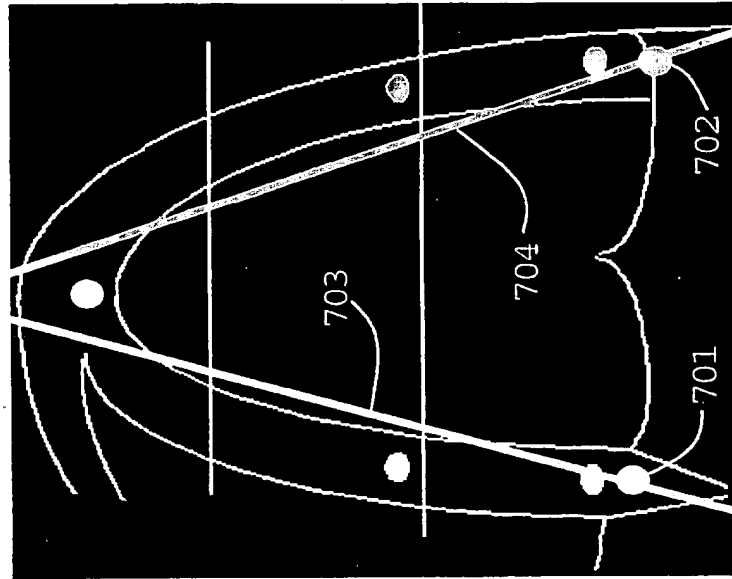
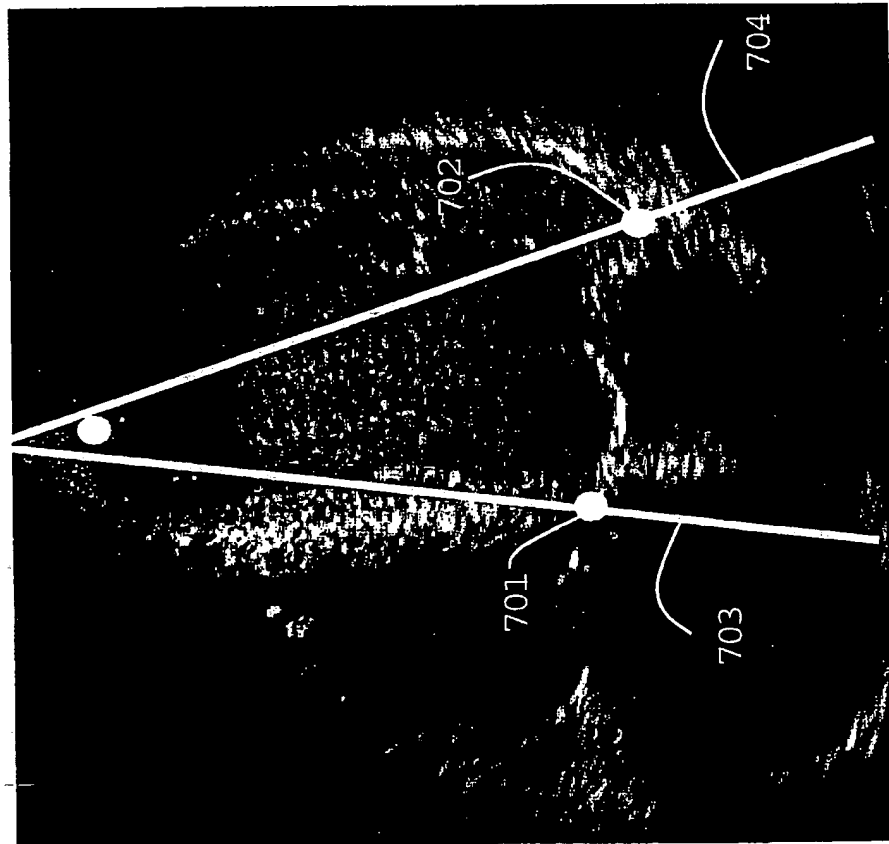
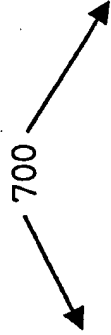


FIG. 8

800

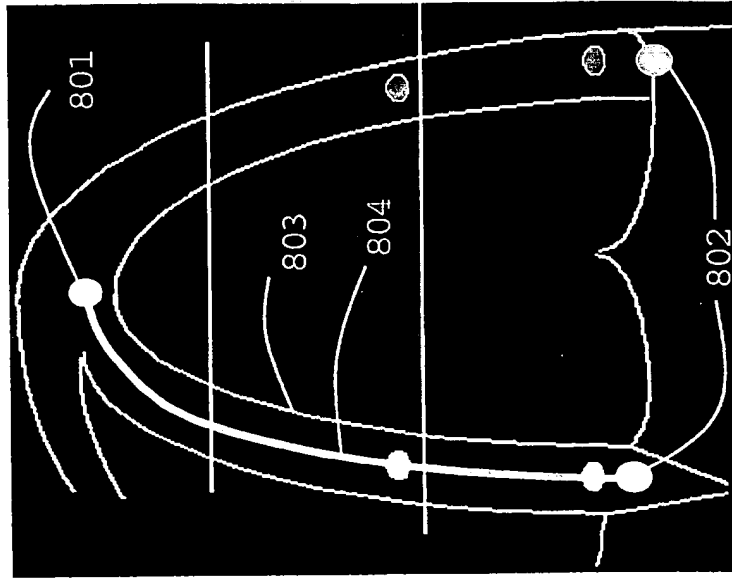
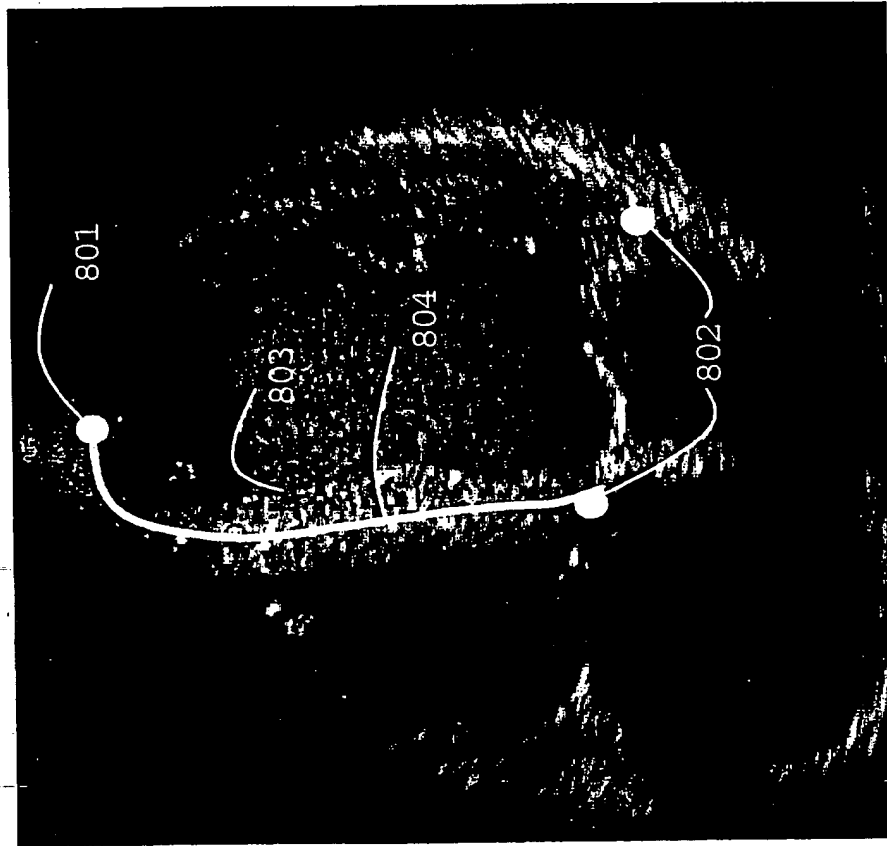


FIG. 9

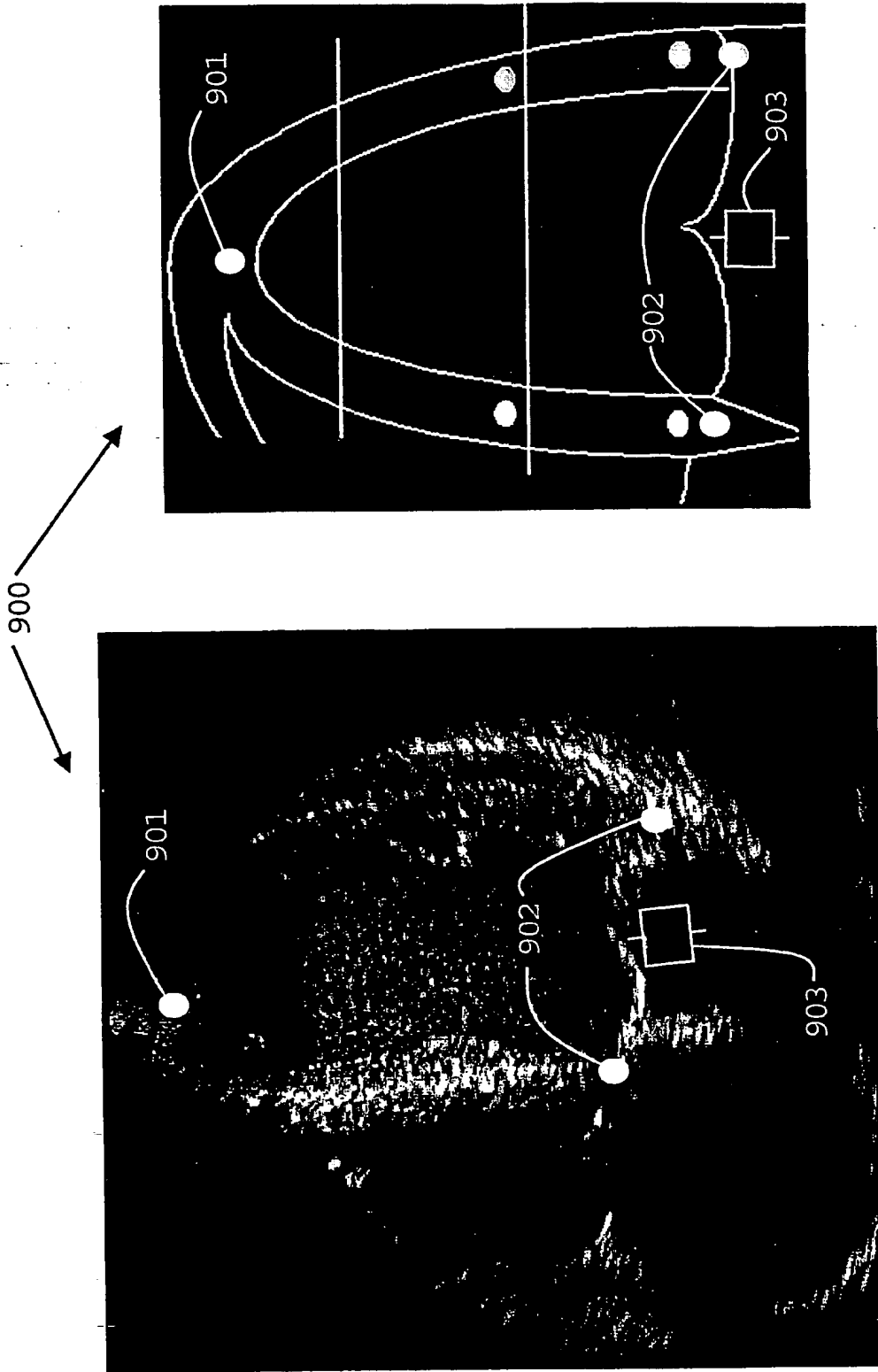


FIG. 10

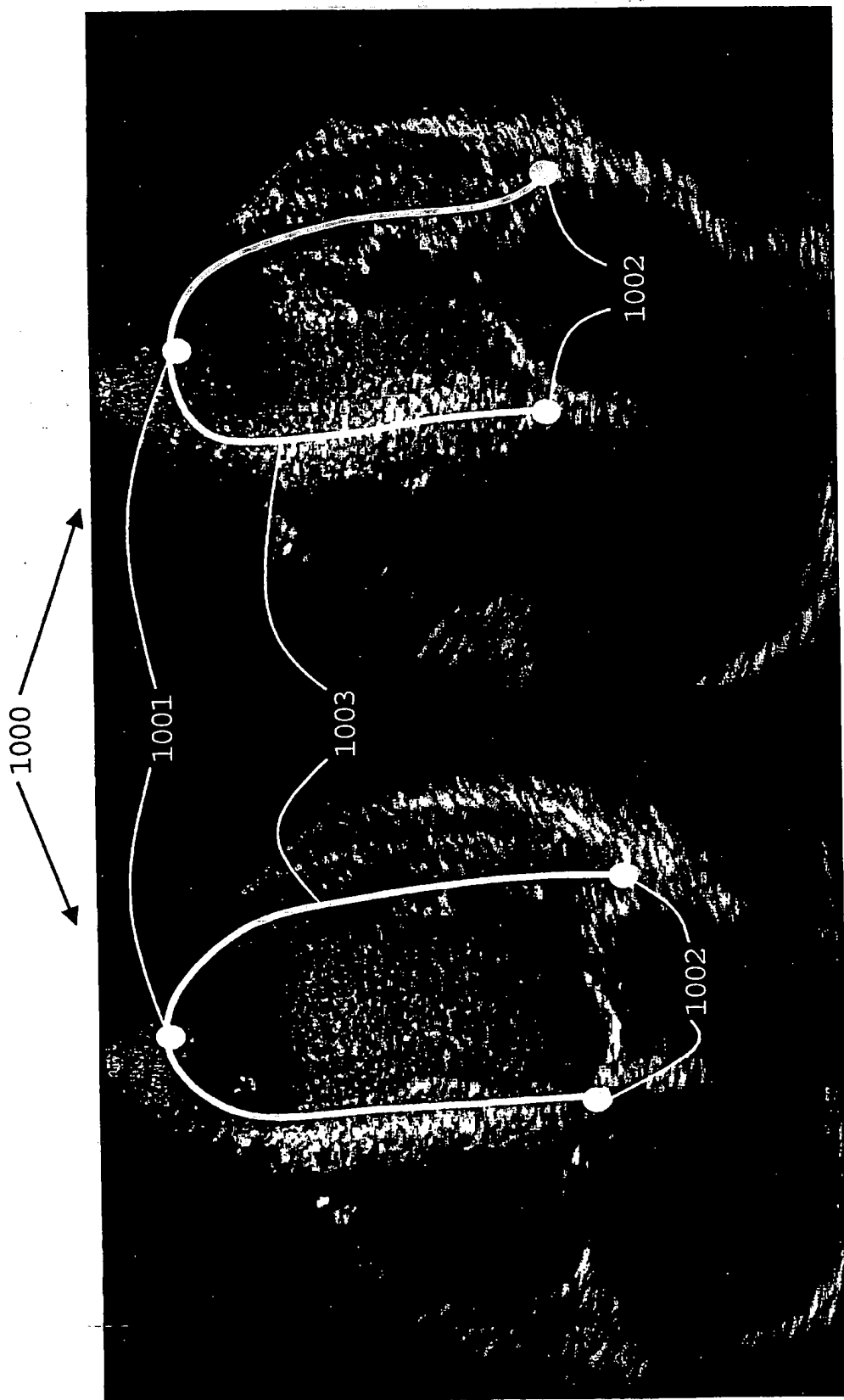


FIG. 11

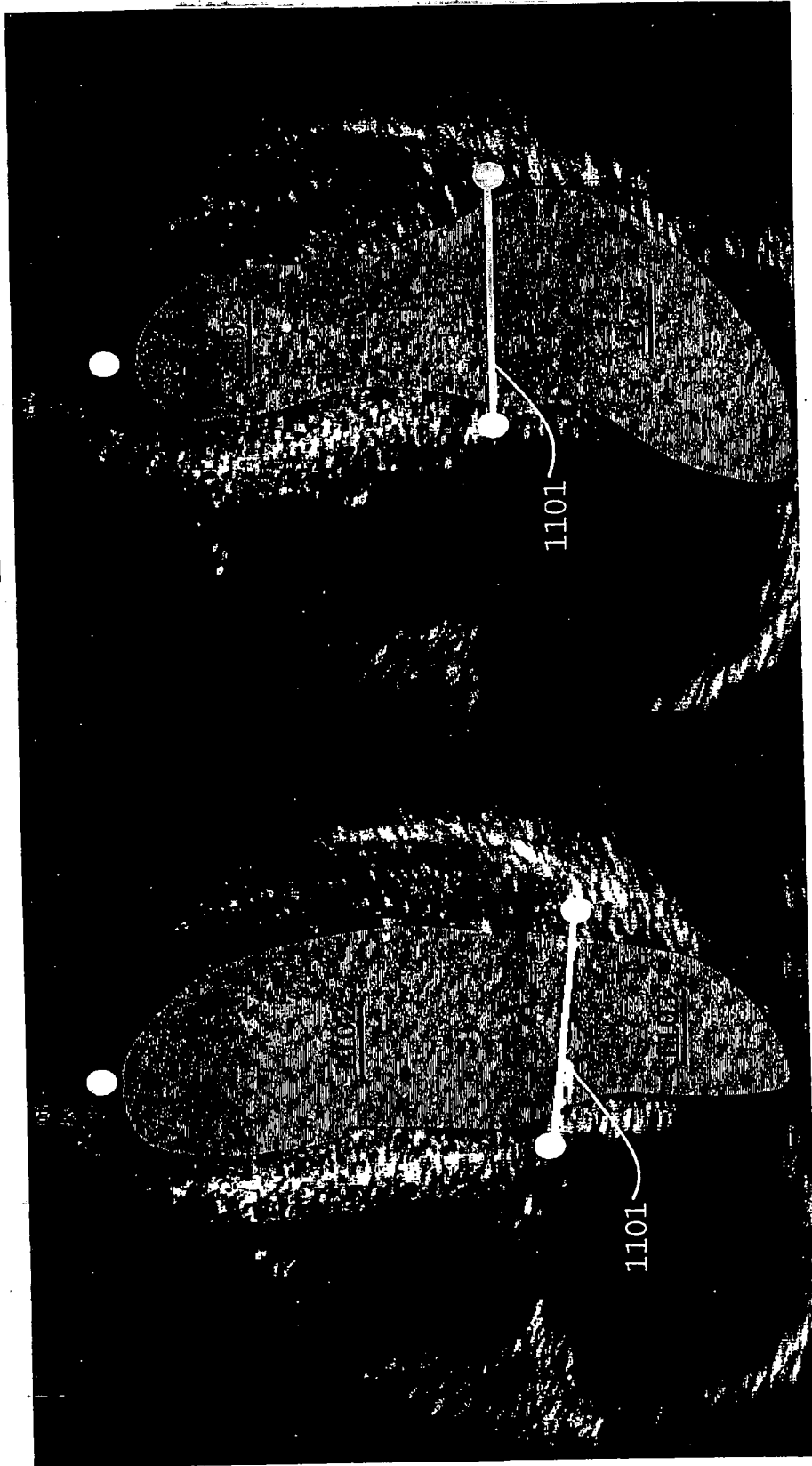
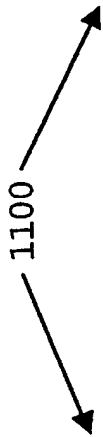
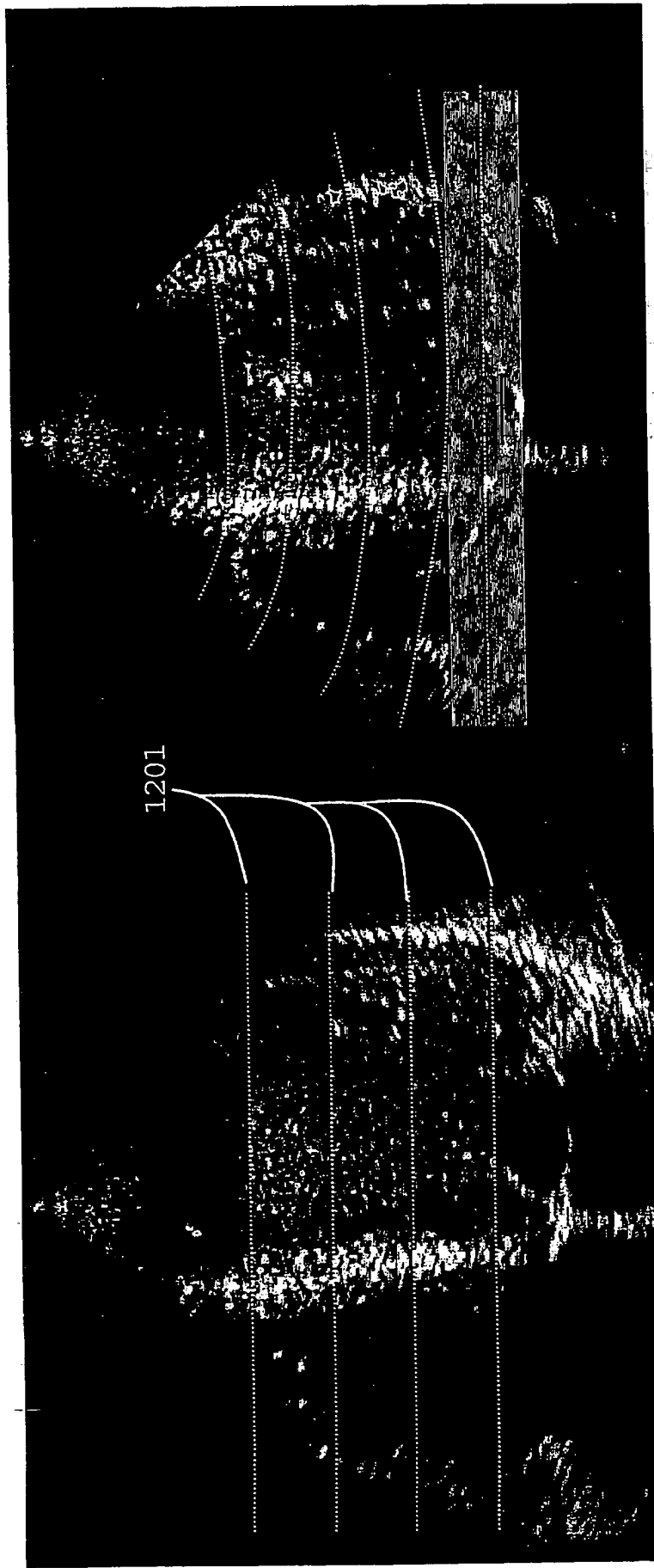


FIG. 12

1200



real-time deformation
 strain given by change
 in dimension

equidistant at
 start of systole